

Fraction and Decimal Dot Pattern

Use at the beginning of the school year

Add, subtract, multiply, divide or find equivalent fractions or decimals to complete the questions. Then shade in the answer to each question on the grid and name the shape or letter formed.

$\frac{1}{2} + \frac{3}{4}$	$0.46 = \frac{?}{50}$
$\frac{3}{7} - \frac{1}{4}$	$\frac{4}{17} \cdot \frac{34}{8} \div 6$
$\frac{4}{9} - \frac{6}{11}$	$\frac{22}{100} = ?$
$\frac{3}{8} + \frac{3}{4}$	$\frac{18}{40} = \frac{45}{?}$
$0.4 = \frac{?}{5}$	$-\frac{4}{13} = \frac{?}{52}$
$\frac{5}{9} = ?$	$\frac{1}{4} = ?$
$\frac{4}{7} \cdot \frac{-21}{8}$	$\frac{20}{60} = ?$
$\frac{5}{8} \div \frac{1}{4}$	$0.125 = \frac{1}{?}$
$5\frac{1}{4} = \frac{?}{8}$	$\frac{3}{8} = ?$
$\frac{4}{6} = \frac{2}{?}$	$\frac{3}{4} = \frac{?}{16}$

300	0.5	14	$-\frac{10}{99}$	0.2	35	46
0.19	$\frac{14}{4}$	100	0.136	2	88	$\frac{4}{11}$
4.1	-16	$\frac{9}{7}$	$\frac{1}{9}$	$\frac{10}{20}$	0.22	16
14.4	0.25	$\frac{4}{13}$	0.4	$\frac{2}{7}$	$-\frac{3}{2}$	$\frac{3}{8}$
23	42	$\frac{5}{2}$	0.556	0.375	12	$\frac{5}{28}$
8	-8	19	$\frac{1}{14}$	$\frac{5}{12}$	0.9	3
0.333	$\frac{2}{3}$	13	-1	-12	$\frac{4}{3}$	$\frac{1}{6}$
$\frac{5}{4}$	$\frac{4}{6}$	$\frac{8}{20}$	$\frac{12}{100}$	51	6	$\frac{9}{8}$